

Salt Spray Damage from Hurricane Winds

SSHW000004

Winds often carry saltwater inland for a considerable distance. The leaves on trees saturated with saltwater turn brown and give the appearance of being burned. **Most of these trees will not die and should not be cut.** See table 3 for resistance to salt damage among tree species. **The trees may lose their leaves and some growth, but most of them will grow new leaves and recover.** Check trees closely in the spring after salt damage for adequate recovery or possible bark beetle attack. Trees should be harvested if they have been attacked by bark beetles or if they have not put on new growth in the first full growing season after the damage occurred.

Table 3 -- Resistance of tree species to hurricane-related damage (in descending order of resistance).

Flood tolerant	Breakage	Uprooting	Salt	Deterioration by insect and disease
baldcypress	live oak palm	live oak	live oak	live oak
pondcypress	baldcypress	palm	palm	palm
tupelo-gum	pondcypress	baldcypress	slash pine	sweetgum
sweetbay willow	sweetgum	pondcypress	longleaf pine	water oak
sweetgum	tupelo-gum	tupelo-gum	pondcypress	sycamore
sycamore river	mimosa	redcedar	loblolly pine	baldcypress
birch cottonwood	dogwood	sweetgum	redcedar	pondcypress
green ash red maple	magnolia	sycamore	tupelo-gum	southern red oak
pecan mulberry	sweetbay	longleaf pine	baldcypress	magnolia
American elm	southern red	mimosa	sweetgum	tupelo-gum
persimmon	oak	southern red oak	water oak	sweetbay
silver maple	water oak	magnolia	sycamore	hickory
water oak	sycamore	slash pine	sweetbay	pecan
swamp chestnut	longleaf pine	loblolly pine	southern red oak	redcedar
oak	slash pine	sweetbay	hickory	red maple
magnolia	loblolly pine	water oak	mimosa	mimosa
hickory	redcedar			



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